

transforming tumor cells obtained from a subject in need thereof with a composition comprising an isolated DNA molecule that comprises a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:1, where Xaa is isoleucine or threonine, and a carrier capable of introducing the isolated DNA molecule into a mammalian cell, wherein said nucleotide sequence consists of the sequence of a fragment of human genomic DNA;

proliferating the transformed tumor cells ex vivo; and

transplanting the proliferated transformed tumor cells into the subject to treat the non-transformed tumor cells in the subject.

17(Twice-amended). A method for treating IFN- γ and/or killer cell-susceptive tumors using gene therapy, comprising:

transforming tumor cells obtained from a subject in need thereof with an isolated DNA molecule comprising a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:1, where Xaa is isoleucine or threonine, wherein said nucleotide sequence consists of the sequence of a fragment of human genomic DNA;

proliferating the transformed tumor cells ex vivo; and

transplanting the proliferated transformed tumor cells into the subject to treat the non-transformed tumor cells in the subject.